VASILEV, N.; CEORGIEV, Iv.

Agenesis of the septum pallucidum and its significance in the pathegenesis of epilepsy. Khirurgiia, Sofia 12 no.11:966-975 159.

THE RESERVOIS AND THE PROPERTY OF THE PROPERTY

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite - Sofiia. Katedra po nevrokhirurgiia. Zav.katedrata: prof. T. Tili-pov. Vissh meditsinski institut - Sofiia, Katedra po nervni bolesti. Zav.katedrata: dots. S. Bozhinov.

(EPILEPSY etiol.)
(CEREBRAL VENTRICLES abnorm.)

VASILEV, N.

Surgical therapy of goiter. Khirurgiia, Sofia 14 no.1:57-64 161.

1. Vissh voenno meditsinski institut.

(GOITER surg)

FILIPOV, F., prof.; VASILEV, N.; VETSKA, P.

Bone tumors of the skull. Khirurgiia, Sofia 14 no.2/3:294-296 161.

1. Klinika po nevrokhirurgiia pri Instituta za spetsializatsiia i usuvurshenstvuvane na lekarite.

(SKULL neopl)

RAICHEV, R., dots.; VASILEV, N.; KOMITOVSKI, D.

On the problem of benign osteoblastomas. Khirurgiia (Sofia) 14 no.10: 883-887 '61.

1. Vissh meditsinski institut, Sofiia, klinika po ortopediia i travmatologiia. Direktor: prof. B. Boichev. Institut za spetsializatsiia i usuvurenenstvuvane na lekarite, Sofiia katedra po nevrokhirurgiia Zav. katedrata: prof. F. Filinov.

(SARCOMA OSTEOGENIC)

VASILEV, N.; DENINSKI, L.; POPOV, M.

Repeated surgery on the biliary tract. Khirurgiia 15 no.12: 1091-1095 (62.

- 1. Vissh voennomeditsinski institut. Nachalnik: prof.
- G. Krustinov.
 (BILIARY TRACT) (CHOLELITHIASIS)

relation in the

PINKAS, A., Major (Mayor), and VASILEV, N., Colonel (Polkovnik), both in the Modical Corps (Meditsinskata Sluzhba).

"Postoperative Pancreatitis."

Sofia, Voenno Meditsinsko Delo, Vol 18, No 5, October 1963, pp 26-31.

Abstract: Authors' Russian summary modified The authors discuss a rare but extremely significant complication subsequent to abdominal operations which frequently ends in death if not recognized and treated in good time. Analysis of four sufferers from postoperative pancreatitis leads the authors to draw special attention to early clinical symptoms as of great importance to correct diagnosis. Stress is laid on investigation of the diastase and attentive followup care during the postoperative period. Conservative therapy is recommended with the application of "trazilol." In the event such treatment is inadequate to stem progressive necrosis in the pancreas, the authors propose revision of the abdominal cavity with an opening of the caosule of the gland to permit drainage.

Eight Soviet-bloc and two Western references.

1/1

VASILEV, N., dots.; CHIFCHIIAN, B.

Echinococcosis of the thyroid gland with manifestations of thyrotoxicosis. Khirurgiia (Sofiia) 16 no.8:777-779 '63.

1. Iz Visshiia voenno-meditsinski institut - Sofiia.

(ECHINCOCCOSIS) (THYROID DISEASES)

(HYPERTHYROIDISM) (DIAGNOSIS, DIFFERENTIAL)

VASILEV, N., dots; DENINSKI, L.

Multiple disseminated polyposis of the small intestine. Khirurgia (Sofiia) 16 no.11:1029-1030 '63.

1. Iz I khirurgichno otdelenie pri Visshiia voennomeditsinski institut, Sofiia.

٦

VASILEV N. dots; ATANASOV, A.

Hazards and complications in thyroid gland surgery. Knirurgiia (Sofiia) 16 no.12:1083-1092 '63.

1. Vissh voennomeditsinski institut. Nachalnik:dots. At.Maleev.

RRUSTINGV, G., prof.; VASILEV, N., dots.; EELOV, St.; TSANKOV, N.

Our experience with geriatric surgery. (Analysis of 350 treated cases). Khirurgiia 17 no.2:181-183 '64.

1. Iz Visshiia voennomeditsinski institut, Sofiia.

VastieV, No. decemt

Our experiences with thyroid surgery among the aged.

Khirorgi a 17 no.2(192-193 *64...)

1. To Visshina vocamorediteraski institut, Sofila.

VASILEV, N., dotsent; TSANKON, N.; DENINSKI, L.; CHIFCHIIAN, B.; MERDZHANOV, A.

THE REPORT OF THE PROPERTY OF

Surgical risk in abdominal surgery in old age. Khirurgiia 17 no.2:209-211 '64.

1. Iz Visshiia voennomeditsinski institut, Sofiia.

L 7683-66 SOURCE CODE: BJ/0017/65/020/002/0013/0019 ACC NR: AP6000935 AUTHOR: Vasilev. N. (Assistant professor; Colonel); Tsankov, N. (Lt. Colonel); Pinkas. A. (Lt. Colonel) ORG: none TITLE: Early complications following resection of the stomach SOURCE: Voyenno-meditsinsko delo, no. 2, 1965, 13-19 TOPIC TAGS: digestive system, gastroenterology, surgery ABSTRACT: [Author's Russian summary, modified]: The article analyzes early complications after resection of the stomachs of 375 patients. Most of the complications consisted of disturbances of the evacuatory function -in 91 cases. They were treated conservatively with good results. One of them required repeated laparatomy and examination of the anastomosis. The most severe complications were those with prolapse of the anastomosis and sutures of the duodenal stump -- a total of 2.61%. The immediate postoperative mortality was 3.08% of the total: 0.90% in excision of an ulcer and 20.50% in openings of the stomach on account of malignant tumors of the stomach. Orig. art. has: I table. [JPRS] / SUBM DATE: none / OTH REF: OOL / SOV REF: OC4 SUB CODE: 06 0101 2135

VASILEV, N.; BRAKALOV, B.

The life of fluorescent lamps, p. 28.

Spravochnik po tsvetni metali i splavi. Sofiia, Bulgaria. Vol. 10, no. 8/9, Aug./Sept. 1959.

Monthly List of East European Accessions (EFAI), LC, Vol. 9, No. 2, February, 1960, Uncl.

VASILEV, Nikolai

Concerning the computation of the street light in accordance to given average lighting. Elektroenergia 12 no.10:7-9 '61.

(Street lighting)

VASILEV, Nikolai, inzh.

Street lighting in the German Democratic Republic. Elektroenergiia 13 no.1:24-26 Ja '62.

1. Mashino-elektrotekhnicheski insititut.

ERAKALOV, Boris, inzh.; VASILEV, Nikolaj, inzh.

New standards for street lighting. Elektroenergiia 13 no.9:
15-18 S *62.

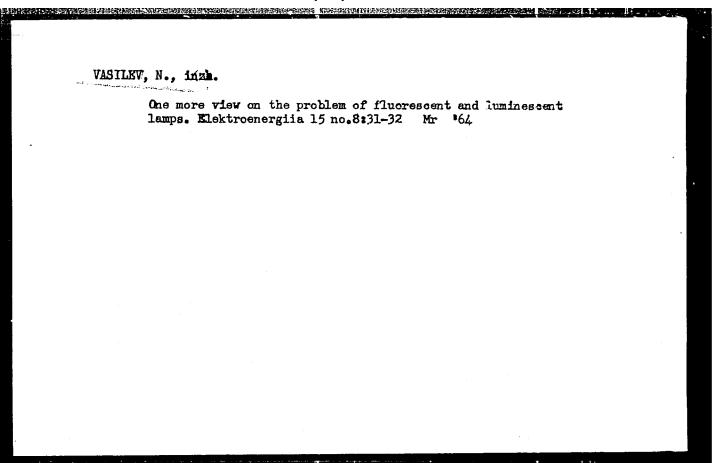
VASILEV, Nikolai, inzh.; KOLAROVA, Ganka, inzh.; KIRADZHIEV, Dimitur, inzh.

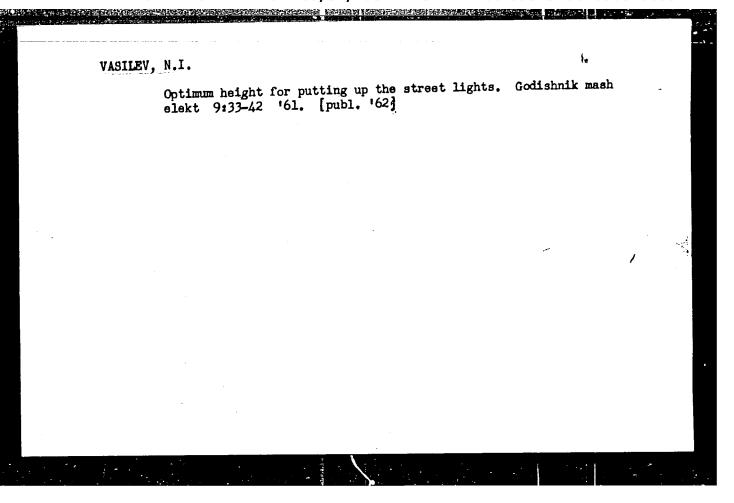
Construction and luminous and electric characteristics of new mercury-arc fluorescent lamps. Tekhnika Bulg. 12 no.3: 12-15 63.

VASILEV, N., inzh.; EOGATEV, K., dots.; DZHONOVA, E., inzh.

Experimental studies of the influeence of environment temperature on the working of fluorescent lamps.

Elektrotenergia 14 no.11:5-9 N'63.



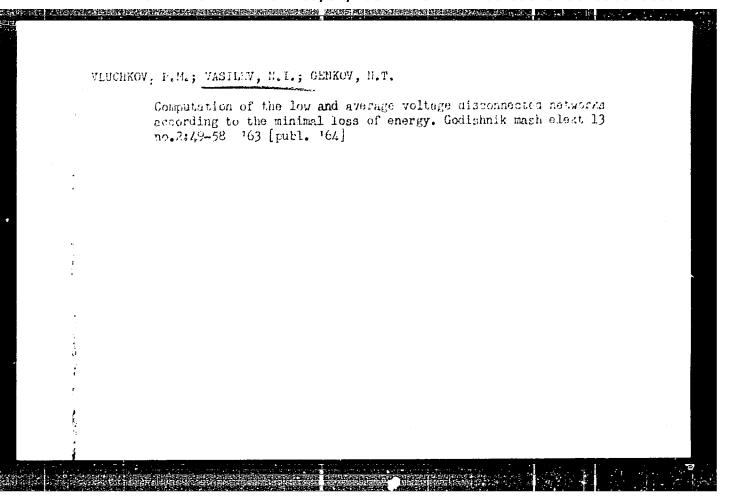


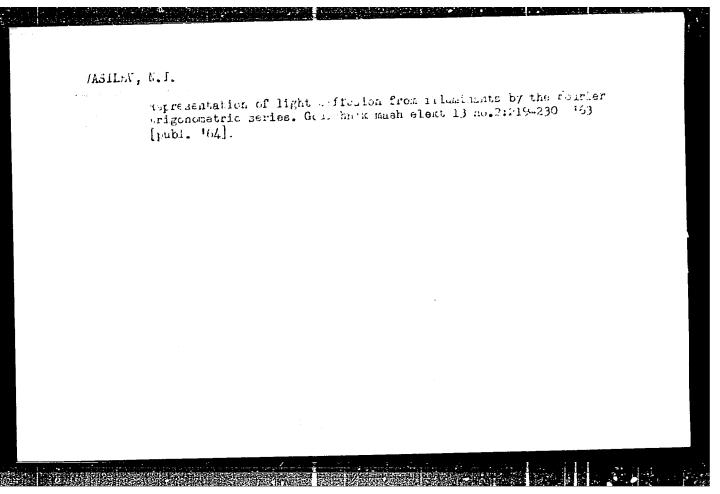
VASILEY, N. I.; BOGATEV, K. I.; MARINOV, IU. P.; DZHONOVA, E. A.

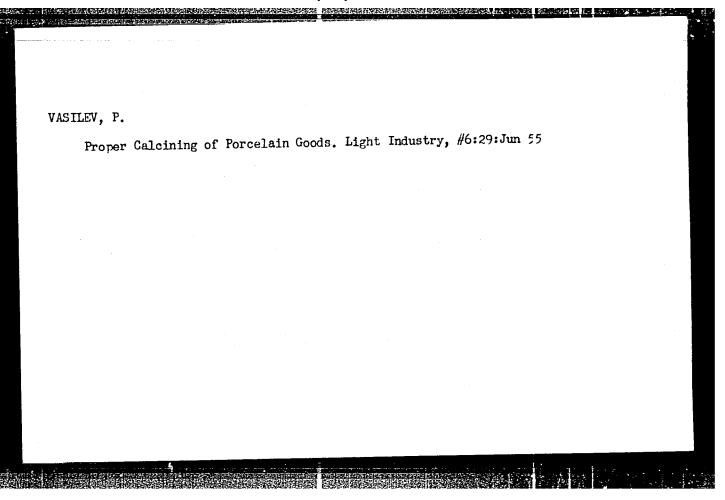
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Computing open networks by the permissible voltage loss at minimal loss of power. Godishnik mash elekt 12 no. 2: 49-64, 162 [publ. 163].







WASILEY, P.

Utilization of waste from production of porcelain ware. p. 29 LEKA PROFISHLEMOST. Vol. 5, No. 3, 1936 Sofiia, Bulgaria

So. East European Accessions List Vol. 5, Fo. 9 September, 1956

VASILEV, P.

Standardizing the dimensions of saggers.

P. 14, (Lika Promishlenost) Vol. 6, no. 1, 1957, Sofia, Bulgaria

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VASILEV, P.

Management of the stone quarries of the construction ceramic enterprises. p. 23. Leka Promishlenost Vol. 7, No. 4, 1958. Sofiia Bulgaria.

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VASILIV, P.

"Banquette drying places for bricks."

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Unclassified.

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Expediency in the introduction of diesel-locomotive service in some parts of our railroad system.

P. 10, (Transportno Delo), Vol. 9, no. 3, 1957, Sofia, Bulgaria

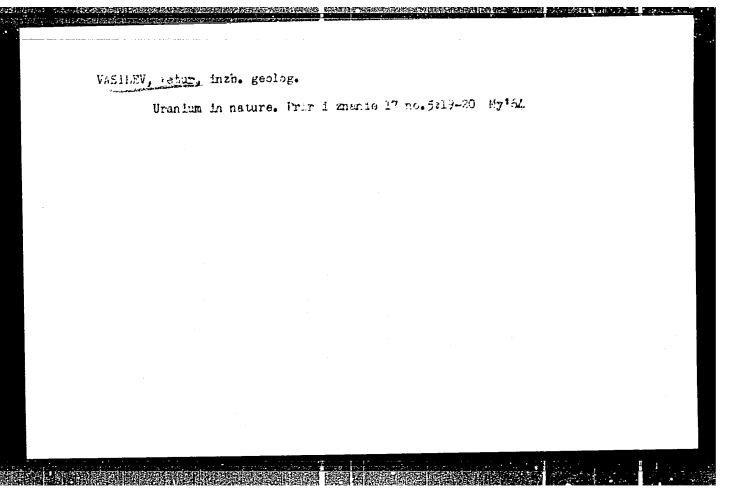
SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

VASILEV, P.

Prospects of the development of forestry in the USSR. Tr. from the Russian. p. 1

SYLWAN, (Wydzial Nauk Rolniczych i Lesnych Polskiej Akademii Nauk i Polskie Towarzystwo Lesne) Warszawa, Poland. Vol. 103, no. 4, Apr 1959

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VASILEV, P.; VELCHEV, V.; PEEV, Iv.

Application of mathematical statistics in the Govezhda gold ore deposits. Spis Bulg geol druzh 25 no.3:257-266 64.

1. Central Administration of Geologic Research, Sofia, and Institute of Mining Geology, Sofia. Submitted February 6, 1964.

VASILEV, Petur A.

Stud on the coeffi Content variation. Spis Bulg geo druzh 25 no.3:285-289 164.

1. Administration of Geologic Research, Sofia. Submitted January 18, 1964.

VASILEV, P. S. Cand Tech Sci -- (diss) "The Obtainment of Viscose Cellulose From RYKXEXEMM Smut Straw." Len, 1957. 13 pp 19 cm. (Min of Higher Education USSR, Len Order of Lenin Forestry Engineering Academy im S. M. Kirov), 100 copies KKX (KL, 27-57, 106)

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VASILEV, R.

"Shortening some account forms for giving account of the intermediate products and materials."

p. 13 (Otchetnost I Kontrol, Vol. 6, no. 12, 1957, Sofiia, Bulgaria.)

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CHECKE PROPERTY AND THE PROPERTY OF THE PROPER

VASILEV, R.

Occupational injuries during 1956, 1957 and 1958 in the region of the Third Polyclinic in Plovdiv. Khirurgiia, Sofia 12 no.11:1008-1013 '59.

1. Treta poliklinika - gr. Plovdiv. Gl.lekar: P. Shopov. (ACCIDENTS INDUSTRIAL statist.)

BULGARIA/Form Animals. Swine

Q-3

Abs Jour : Rof Zhur - Biol., No 8, 1958, No 35681

Author

Vasilov Rsvyatko

Inst

: Not Givon

Titlo

: The State of Swine Breeding in Bulgaria (Rasprostraneniye

porod sviney v Bolgerii)

Orig Fub: Zhivotnov[®]dstvo i vet. delo, 1957, 11, No 8, 30-35

Abstract : The Bulgarian White improved breed of swine constitutes 83.76% of the whole stock of the country, the East Belkan breed - 6.88%, the Mangalitsa breed - 0.60%. The Mirgored, Cornwell and Borkshire breads are also met with. The purebrod swine constitute 94.14% of the stock. The Bulgarien White swine belongs to the ment-fet type and its fertility is 10-11 pigs por litter. The weight of the young pigs at 30 days of ago is 5-6 kg., and at 2 months of age it is 12-15 kg. The fattened swine yields 35% of fet. The East Balkan primitive swine of the fat-type, with a fertility of 4-5 pigs per litter, is chiefly mainteined on pasture. The

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BULGARIA/Farm Animals. Swine

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Abs Jour : Rof Zhur - Biol., No 8, 1958, No 35681

Mangalitsa, a semi-primitive fat-type broad with a fortility of 5-6 pigs per litter, is suitable for pasture maintenance. The fat yield in a fattened whine amounts to 50%. The Mangalitsa broad may be successfully used in industrial crossing.

Ocrd : 2/2

MITOV, A.; STANEV, Kh.; TERZIEV, G.; PANTEV, I.; VASILEV, S.

Clinical observations on hemorrhagic fever in Polianovgrad. Suvrem. med., Sofia 8 no.5:3-9 1957.

1. Iz vutreshnata propedevtichna klinika pri VMI I. P. Pavlov - Plovdiv (zavezhdashch: dots. An Mitov) i Obedinenata gradska bolnitsa--Polianov-grad (Gl. lekar: Ang. Manev).

(EPIDEMIC HEMORRHAGIC FRVER, epidemiology.

in Bulgaria (Bul))

VASILEV, S.

VASILEV, S. Utilization of the method of ejection in hydroelectric plants and hydrotechnic constructions. p. 12.

Vol. 3, Ho. 7, 1956. STRCITHISTVO TECHNOLOGY Sofiia, Bulgaria

So: East European Accession, Vol. 6, No. 3, March 1956

VASILW, S.

Hydraulic claculation of dimensions of artesian wells having rectangular cross sections. P. 32.

TEKHNIKA. Vol. 5, No. 3 May/June 1956

Sofiya, Bulgaria

So. East European Accessions List

Vol. 5, No. 9

September, 1956

VASILEV, S.

"Aerodynamic method in hydraulic research."

p. 78, (Khidrotekhnika I Melioratsii, Vol. 3, no. 3, 1958, Sofiia, Bulgaria)

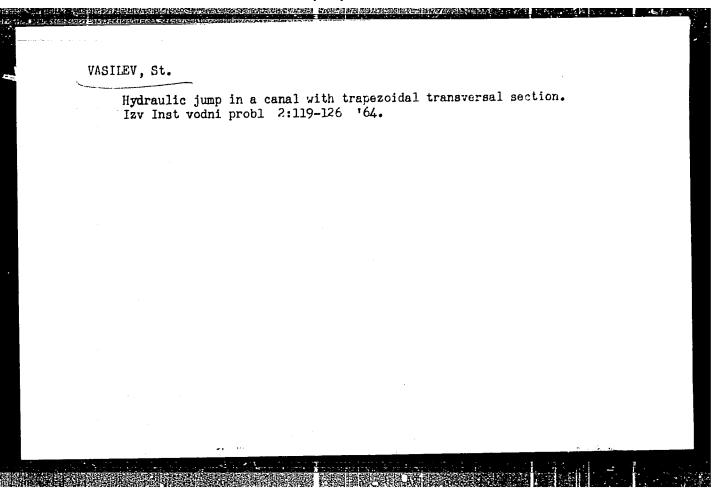
Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec 1958.

VASILEY, S.

Hydraulic calculation of expanding jets. p. 161.

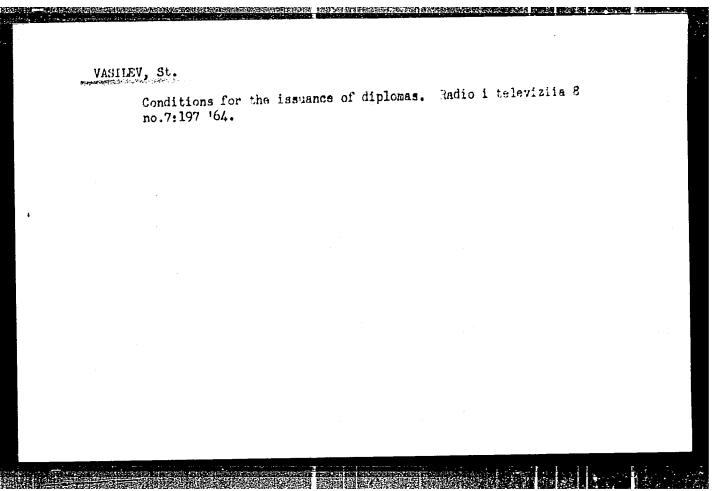
12 STIIA. Bulgarska akademia na naukite. Tekhnicheski institut. Sofiia, Bulgaria, Vol. 7/8, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, No. 1, January 1969.
Uncl.



VASILEV, St., inch.; RAINCY, Shtillian, inch.; HICHEY, Georgi, inch.; NINCY,

Hydraulic study of the Otomori Petroleum Pier. Toy Girray Lat 5:169-185 164.



VASILEV, St.

Bulgarian philesephic frent fighting against the beurgeeis philesephy and revisionism. Spisanie BAN 6 no.2:118-122 '61.

VASILEV, Stefan, k.t.n. inzh.; MIKHAILOV, Mikhail, inzh.

Deformations caused by the nominiform changes of moisture in dams. Khidrotekh i melior 8 no.3:67-69 *63.

VASILEV, Stefan, k.t.n.inzh.; MIKHAILOV, Mikhail, inzh.

Natural and model tests of dam stresses due to concrete shrinkage and swelling. Khidrotekh i melior 8 no.9:265-268 '63.

s/188/62/000/001/008/008 B145/B110

AUTHORS:

Vasil'ev, S. S., Romanovskiy, Ye. A., Timushev, G. F.

TITLE:

Absorption cross sections of Cu^{63} and Cu^{65} nuclei for

6.6-Mev protons

PERIODICAL:

Moscow Universitet. Vestnik. Seriya III. Fizika,

astronomiya, no. 1, 1962, 94 - 95

TEXT: Inelastic scattering of 6.6-Mev protons from Cu⁶³ and Cu⁶⁵ was studied, since contrary to p,n and p,a the component op, of the absorption cross scatter (r) has been protons from Cu⁶³ and Cu⁶⁵ was tion cross section $(\mathbf{6_r})$ has hardly been investigated. The measuring technique has been described previously (Trudy II Vsesoyuznoy konferentsii

po yadernym reaktsiyam pri malykh i srednykh energiyakh (Proceedings of the Second All-Union Conference on Nuclear Reactions at Low and Medium Energies). M., 1960 (in print)). Results are listed in a table. Accuracy is 5 - 7 %for nonoverlapping peaks and about 15 % for overlapping peaks. The measured values show that inelastic scattering takes place via formation of a compound nucleus. The absolute partial cross sections were calculated by using

Card 1/3

S/188/62/000/001/008/008 B145/B110

Absorption cross sections ...

data of Mazazi (Ref. 5, see below) on the relative intensities of inelas-63 tically scattered proton groups corresponding to the excitation of 46 Cu levels and 21 Cu⁶⁵ levels (E_p = 6.51 Mev). The sums of the relevant partial cross sections are 240 ± 30 mb (Cu⁶³) and 70 ± 15 mb (Cu⁶⁵), and were set equal to 6_{p,p}. The cross section 6_{p,p}, of inelastic scattering via the compound nucleus formation was estimated on the basis of data on inelastic scattering with excitation of the first level: about 20 - 25 mb for Cu⁶³, and about 10 - 15 mb for Cu⁶⁵. From these results and from published data on 6_{p,n} and 6_{p,n}, 6_r was calculated to be 600 mb (Cu⁶³) and 617 mb (Cu⁶⁵). A comparison of these data with those obtained from the optical model can answer the question whether low-energy protons are absorbed by a thin surface layer or by the entire volume of the nucleus. A. P. Klyucharev is mentioned. There are 1 table and 7 references: 3 Soviet and 4 non-Soviet. The 3 references to English-language publications read as follows: Bjorklund F. E., Fernbach S., Phys. Rev., 10, 1295, 1958; Ref 5: Mazazi M., Buechner W., Figueiredo R. Pp, Phys. Rev., 108, 375, 1957; Benveniste J., Rooth R, Card 2/3

S/188/62/000/001/008/008 B145/B110

Absorption cross sections...

Mitchell A., Phys. Rev. 123, 1819, 1961.

'ASSOCIATION: NIIYAF MGF

SUPMITTED:

December '26, 1961

Table. Legend: (1) nucleus; (2) level, Mev; (3) differential inelastic scattering cross section, mb/steradian.

Ядро	(2)	Дифференциальное сечение неупругого рассеяния в мб/стерад							
	уровень в мэв	48°07	65°05	77°23	89°52	106°56	122°09	136°45	150°58
Cu63	0,657±0,007 0,956±0,008 1,328±0,015 1,419±0,015 1,544±0,015 1,856±0,015 0,777+0,008	0.93 1.44 — 1.06 1.01 0.72	0,93 1,45 1,14 1,12 0,89 0,77 0,68	0,89 1,44 1,06 1,02 0,90 0,68 0,58	0,89 1,48 1,16 1,16 0,97 0,72 0,58	0,90 1,45 1,20 1,12 0,93 0,58 0,70	0,92 1,44 1,13 1,05 0,92	0.92 1.42 1,15 1,16 0.99 0,72 0,59	0,94 1,42 1,20 1,23 0,80 0,58

Card 3/3

Considerations on the distribution of goiter in the borrow Fakultet in Sofia. Suvrem. med., Sofia 7 no.6:24-38 1956.

1. Iz Katedrata po bolnichna terapiia pri VMI - Sofiia (Zav. katedrata: prof. A. Pukhlev).

(GOITER, statistics, in Bulgaria (Bul))

VASILEV, T.; DIMITROV, N.

Distribution of hypertension in the gypsy minority. Suvrem. med., Sofia 7 no.10:69-78 1956.

1. Is Katedrata po bolnichna terapiia pri VMI - Sofiia (Zav. katedrata: prof: Al. Pukhlev).

(HYPERTENSION, statist.

iv. gypsies)

ASTRUC, A.; VASILEV, T.; DOCHEV, D.

On certain clinical problems in paraproteinemia with a report of 3 cases. Suvrem med., Sofia no.7-6:115-127 '60.

1. Iz Katedrata po vutreshni bolesti s terpaniia pri VMI, Sofiia (Rukov. na katedrata prof. A.Pukhlev)
(SERUM GLOBULIN)
(BLOOD PROTEINS)

VASILEV, T.; ILIEVA, V.

THE THE WHITE WAS TO SELECT THE PROPERTY OF TH

On the problem of autoimmune hemolytic anemias. Suvr. med. 16 no. 4:204-215 165.

1. Vissh meditsinski institut, Sofiia, Katedra po bolnichna terapiia (rukovoditel - chl.-kor. prof. A. Pukhlev), Laboratoriia po izoserologiia, imunokhematologiia i kruvoprelivane (zav. laboratoriiata k.m. V. Ilieva).

VASILEV, T., dots.

Passage of cold neutrons through double layers. Trud Pedag inst Plovdiv 1 no.1:37-52 163.

1. Head, Chair of General Physics, Higher Pedagogic Institute, Flowdiv.

VASILEV, T., dots.; MIRCHEV, St.; MIKHAILOV, H.

Interferometric studies of Plexiglas thermelectrets. Trud Pedag inst Ploydiv 1 no.1:65-74 163.

1. Chair of General Physics, Higher Pecarogic Institute, Plovdiv. Head: Assistant Professor T. Vanilev.

VASILEV, Ts., inzh.; RADEV, R., inzh.

For an increased labor productivity in ore dressing. Min delo 18 no.10:8-13 6:63.

1. "Niproruda" (for Vasilev). 2. Bulgarska akademiia na naukite, Komisiia po izuchavane na proizvodnite sili.

44 4400

5/188/62/000/003/001/012 B111/B112

AUTHORS:

Vasilev, Ts. B., Forafontov, N. V., Shpinel', V. S.

Study of the decay types of Ce^{144} by the coincidence method

TITLE:

Moscow Universitet. Vestnik. Seriya III. Fizika,

astronomiya, no. 3, 1962, 3-16 FERIODICAL:

TEXT: The decay types of Ce 144 in an odd-odd Pr 144 nucleus are studied by means of a β -spectrometer and a luminescence $\beta(\gamma)$ -spectrometer in coincidence circuit, using β -e ,e -e and e - γ coincidences to explain certain problems. The results are in agreement with the decay scheme of I. S. Geiger et al. (Nucl. Phys., 16, 1, 1960). The β-e and e -e coincidence measurements were performed both apon all electrons (total coincidences) and upon individual electron groups separated by a differential discriminator. The variants of the decay scheme can be examined by comparing the intensity of the conversion lines in the coincidence spectrum. The results from measuring β -e and e-ecoincidences are summarized in Fig. 1 and Fig. 2, those of y-e and e-y coincidences in Fig. 4 and Fig. 5, discussed in detail for the individual

Card 1/6 2

S/188/62/000/003/001/012 Study of the decay types... B111/B112

conversion lines with the energies 24.5 kev (K-66), 27 kev (L-34), 30 kev (KLL - Auger electrons), 34.5 kev (L-41+KLL-Auger), 38 kev (L-80), 47 kev (L-53), 53 kev (L-59), 59 kev (M-59+K-100), 91 kev (K-134) and 106 kev (K-148+2). Conclusion: The low-intensity transitions include a 140 ± 2-kev transition. The new 147-kev transition leads to an additional level and the 34-kev transition does not lie in the cascade with the 134-kev transition. There are 6 figures and 3 tables.

ASSOCIATION: NIIYaF

SUBMITTED: May 8, 1961

Fig. 1: spectrum of β -e⁻ te⁻e⁻ coincidences of Ce¹⁴⁴ in the range from 64 to 140 kev.

Legend: (1) channel num; (2) kev; (3) coincidences with electrons > 50 kev; (4) with electrons > 100 kev; (5) with electrons > 400 kev; (6) intensity; a) total coincidences; (7) with electrons > 240 kev.

Card 2/6 2

VASILEV, Tavetko

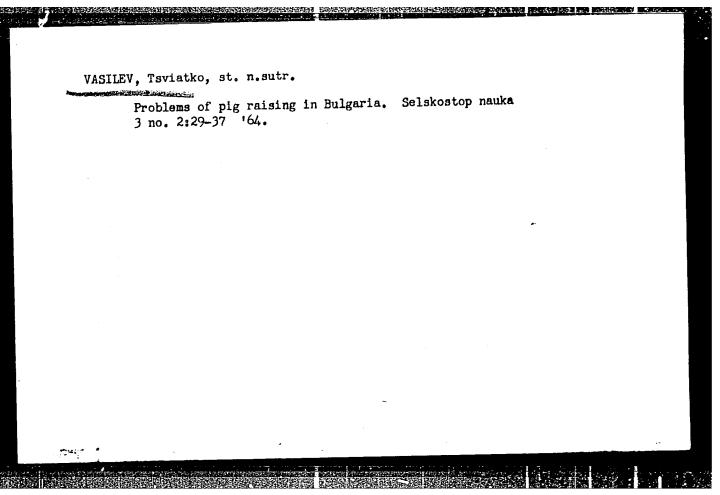
The Dermantsi variegated swine, a new valuable swine breed in Bulgaria. Priroda Bulg 10 no.6:88-92 '61.

1. Direktor na Raionniia nauchnoizsledovatelski institut po zhivotnovudstvo, Kolarovgrad.

VASILEV, Tsviatko

Distribution of swine breeds in Bulgaria. Priroda Bulg 12 no. 6:46:56 N-D 163.

1. Institute of Livestock Breeding, Kolarovgrad.



VASILEV, Tsviatko

Comparative observations on the productivity and lattening ability of the Bulgarska Biala and Landras breeds of swine. Selskostop nauka 2 no. 3/4 404-412 163.

VASIL'EV, T.V. kand.msd.nauk

Annotations on canditate dissertation on fungus diseases of the skin defended in 1960. Vest. derm. 1 ven. no.9180-83'62 (MIRA 16:7)

(DERMATOMYCOSIS)

VASILEV, V.

Some basic problems concerning reinforcement of Topolnitsa Dam. p.12.

GORSIO STOPANSTVO VOL. 12, no. 1, Jan. 1956

Sofiya, Bulgaria

so. EAST EUROPEAN ACCESSIONS LIST

VOL. 5, no. 7, July 1956

APPROVED FOR RELEASE: 08/31/2001 CIA-RDP86-00513R001858810003-7"

VASILEV, V.

Prosults from study of the Soviet CL-1 drill used under our conditions. 5. 36.

GORSKO STOPANSTVO VOL. 12, no. 1, Jan. 1956

Sofiya, Bulgaria

So. EAST EUROPEAN ACCESSIONS LIST VOL. 5, no. 7, July 1956

VASILEV, Va, inzh.; MESTOROV, P., inzh.

Damages and restoration of small dams. Khidrotekh i melior 7 nc.3:69-70 162.

H BULGARIA/Electronics - Photocells and Semiconductors Device. : Ref Zhur Fizika, No 10, 1959, 23128 Contact Potential of Selenium Bases for Rectifiers and Vasilev, V., Kasabov, Y. Abs Jour Author Izv. Bulg. AN Otg. fiz.-matem. i tekhn. n. Av. fiz., InstPhotocells Title 1957, 6, 147-154 Using an electrometric method, the authors investigated Orig Pub the contact potential of selenium layers, used for the preparation of rectifiers and photocells, as well as the dependence of the contact potential on various factors (temperature and time of heating of layer, presence of Abstract imperities of iodine in the selenium) and also the changes in the contact potential with time (when stored in ordinary atmosphere). It is established that the temperature, time of heating, and the iodine impurities Card 1/2

BULGARIA/Electronics - Photocells and Semiconductors Device.

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Abs Jour : Ref Zhur Fizika, No 10, 1959, 23128

(0.5%) do not influence substantially the magnitude of the contact potential, which mounts from 5.03 to 5.26 volts (relative to a standard gold electrode with a contact potential of 4.8 volts). The contact potential of the selenium surface is reduced when stored in air (by approximately 4% after 1,000 hours). Bibliography, 10 titles. -- E.S. Levin

Card 2/2

- 75 -

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"The contact potential of selenium layers for rectifiers and photocells."

IZVESTIIA. SERIIA FIZICHESKA, Sofiia, Bulgaria, Vol. 6, Jan./Dec. 1956 (published 1957).

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The work function of cadmium sulfide. Godishnik fiz mat 53 no.2:111-124 *58/*59 [publ. *60].

BORISOV, M.; VASILEV, V.;

Obtaining large monocrystals of cadmium sulfide. Doklady BAN 16 no.5:485-488 *63.

l. Kafedra eksperimental noy fiziki v fiziko-matematicheskom fakul tete Sofiyskogo universiteta imeni Klimenta Okhridskogo. Predstavleno akad. G. Nadzhakovym, chl. Redaktsionnoy kollegii, "Doklady Bolgarskoy Akademii nauk."

VASILEV, V., inzh.

National scientific and technological conference on communication. Test delo 500: 2 24N '63.

S/194/62/000/003/026/056 D256/D301

AUTHOR:

Vasilev, V. and Dryndarov, N.

TITLE:

CdS electron work function

PERIODICAL:

Referativnyy zhurnal, Avtomatika i radioelektronika, no. 3, 1962, abstract 3-3-7d (Godishnik Sofiysk. un-t. Fiz.-matem. fak., 1958-1959 (1960), 53, no. 2, 111-124)

TEXT: The CdS electron work function was measured and its dependence on the vacuum in the system and the thickness of the Cds layer was investigated. A change of the CdS work function was observed after dry air has been let into the system. The work function was measured for samples of CdS containing impurities of Cr and Al. The photosensitivity of the samples can be deduced from the differences in the work function as measured under illumination and in the darkness. / Abstracter's note: Complete translation. /

Card 1/1

BULGARIA

P. BELOPITOV, <u>V. VASILEV</u> and A. MLADENOVA, City Hospital for Rheumatic Fever of Children (Gradska detska protivorevmatichna bolnitsa), Medical Director (glaven lekar) P. BELOPITOV; and Scientific Institute for Pediatric Research (Nauchno-izsledovatelski institut po pediatriya), Director (direktor) St. KOLAROV, [Sofia.]

Honordaniani di kanadani di kanadan ka

"Serum Penicillin Concentration During Preventive Treatment of Rheumatic Fever with the Long-Acting Penicillin Preparation Benzacillin."

Sofia, Suvremanna Meditsina, Vol 14, No 5, 1963; pp 44-47.

Abstract: Tests with Bulgarian-made benzathine penicillin, dissolved in special penicillin solvent of State Drug Control Institute (Durzhaven kontrolen institut za lekarstvenia sredstva), 6 to 8 ml. required for 1.2 million units as given to each of 8 children with rheumatic fever. Serum concentration tested on days 1-20 post-injection by inhibition of Sarcina lutea strain: irregular, only low level remained in only 4 on day 18, none on day 20. Desiderata for ideal long-acting preparation are discussed. Table.

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GULUBOV, G., prof.; VASILEV, V.

Traumatic injuries to the lumber spine as a result of vertical weight-bearing. Khirurgiia (Sofia) 16 no.2:139-154 *63.

(SPINAL INJURIES) (LUMBOSACRAL REGION)

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KOEN, E., dots.; VASILEV, V.

Etiology and pathogenesis of uveitis. Khirurgiia (Sofia) 16 no.3:307-316 163.

1. Iz Katedrata po ochni bolesti pri VMI [Vissh meditsinski institut] "I.P. Pavlov" - Plovdiv.
(UVEITIS)

Infectious Diseases

BULGARIA

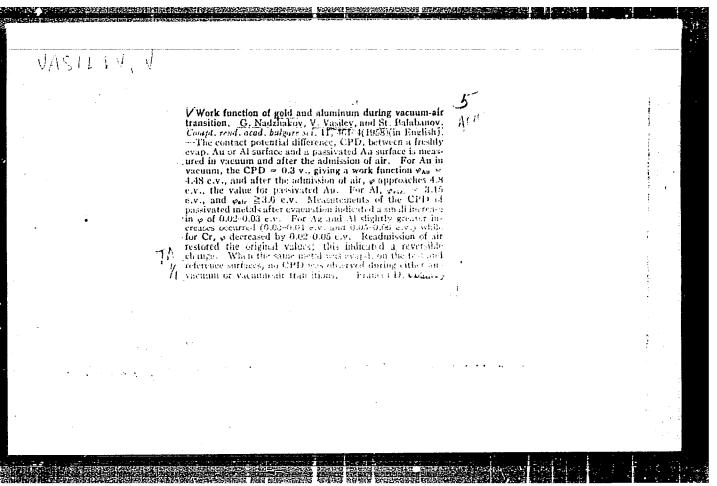
MANOILOV, G., Lieutenant Colonel of the Medical Service, ILIEV, T., Colonel of the Medical Service, LYUTSKANOV, K., Captain of the Medical Service, VASILEV, V., Major of the Medical Service, and GROZEV, G., Senior Lieutenant of the Medical Service

"Occurrence of Q-Fever in the N Detachment in the City of Stara Zagora"

Sofia, Voenno Meditsinsko Delo, Vol 21, No 5, Oct 66, pp 38-43

Abstract: In March 1965 there were 24 cases of Q-fever among members of the N detachment, which was in field training in the Nivicinity of Stara Zagora. Eight of the cases were severe and 20 were accompanied by pneumonia. An investigation showed that the focus of infection was a sheep breeding farm at which 64 members of the detachment slept. Twenty of those who slept at the farm caught the disease. A number of sheep at the farm were affected by mastitis, and bortions or were sterile. A serological investigation indicated that 62.5% of these sheep had antibodies against R. burnetti in their blood. Fourteen of the persons infected had a raised temperature for periods up to 45

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ACCESSION NR: AT4017773

B/2503/63/011/01-/0005/0017

AUTHOR: Nadzhakov, G.; Vasilev, V.

TITIE: Influence of atmospheric air and hydrogen on the work function of aluminum, silver, copper and gold

SOURCE: B"lgarska Akademiya na Naukite. Fizicheski institut, Izvestiya na Fizicheskiya institut s ANEB (News of the Institute of Physics and the Atomic Energy Scientific Research Foundation), v. 11, no. 1-2, 1963, 5-17

TOPIC TAGS: electronic work function, work function, air, hydrogen, Al, Ag, Cu, Au, dipole moment, dipole layer, contact potential difference

ABSTRACT: Investigated by the contact potential difference method were changes in electronic work function (\mathcal{G}) of metal surfaces (Al, Ag, Cu and Au), freshly evaporated in a vacuum. The changes, traced during transitions from vacuum to air or from vacuum to hydrogen, indicate the adsorption of the foreign molecules or atoms and the formation of a definite dipole moment on the metal layers, when degree of surface coverage $\mathcal{O} = 1$. Changes of \mathcal{O} are plotted, with time, in a series of graphs for the metals tested (a passivated gold plate being used as the standard electrode). The averaged values of jump changes in work function for the

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four metals studied are given in Table 1 of the Enclosure. Computed with the use of formula

 $\mu = \frac{\Delta \varphi_1}{2\pi n_s} = \frac{\varphi_1 - \varphi_0}{2\pi n_s},$

were changes occurring in an effective dipole moment formed when air or hydrogen was adsorbed on Al, Ag, Cu and Au. The work shows that the initial values of work function \mathcal{G} on a surface (with $\mathcal{O}=0$) must be known in order to obtain more accurate values of the changes observed in electronic work function during the adsorption of a particular gas on a metal plate or to obtain the values of the dipole moments derived therefrom. This requires that the metal be evaporated in a high degree of vacuum. It is noted, in conclusion, that analogous investigations will be continued in future under ultra-high vacuum. Orig. art. has: 9 figures, 10 equations, and 2 tables.

ASSOCIATION: none SUBMITTED: 20Dec62

DATE ACQ: 04Mar64

ENCL: 02

OTHER: 007

SUB CODE: PH, GE

NO REF SOV: 002

NADZHAKOV, G., akad.; VASILEV, V.; TONCHEVA, L.

Changes in the work function caused by its warming up in the air. Moklady BAN 16 no. 4: 349-352 163.

1. Chlen redaktsionnoy kollegii, "Doklady Bolgarskoy Akademii nauk".

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VASILEV, V. Scientific Technical Session on Electro-technics. p. 23. Vol. 7, no. 10, Oct. 1956 ELEKTROENERGIIA. Sofiia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

VASILEV, V.

"National Scientific-Technical Conference on New Froblems in the Electric Industry."

p.43 (Tezhka Fromishlenost) Vol, 6, no. 9, Sept, 1957. Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 5, Lay 1958

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" Dispatching telephones and telemeters for the electric-power plant systems."

p. 12 (Elektroenergiia, Vol. 8, no. 4/5, Apr./May 1957

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6 June 1958.

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"National Scientific-Technical Conference on Problems of the Bulgarian Electric-Power Production."

p. <u>/</u>3_7 of cover., (Elektroenergiia, Vol. 8, no. 10, Oct. 1957, Sofiia, Bulgaria)

Monthly Index of East European Accessions (EFAI) LC, Vol. 7, No. 6, June 1958.

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"Electrification of Threshing Floors."

P. 7 (Elektroenergiia, Vol.9, No. 5, May 1958, Sofiia, Bulgaria)

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"Grafting wild fruit Eulgaria)	t trees." p 26	, (KCOFERAT	IANO NEMEDEL	E, Vol 6, #1/2,	Jan/Feb 1951,
SO: Monthly List	of Puggian Ac	cessions. Li	ibrary of Con	ngress.	1953 , U nc

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"Starting orchards on agricultural cooperatives", p 86, (2005 RATIVING ZEVEDELIE,
Vol 6 # 3, Mar. 1951, Bulgaria)

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"Possibilities for Producing Complete Fertilizer From Waste Material in the Sugar and Alcohol Industries." p.68 (PRIMODA, Vol. 2, No. 4, July/Aug., 1953, Sofiya.)

So: Monthly List of Russian Accessions, Library of Congress, March 1951, Uncl.

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"We Shall Fulfill the 1953 Afforestation Plan." p.236 (GORSKO STOPANSTVO Vol. 9, no. 5, May 1953 Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9, Oct. 1953, Uncl.

VASILEY, Y; KOSTOV, P.

"Possibility of Mechanizing Productive Processes in Our Forest Nurseries", P. 372. (GORSKO STOPANSTVO, Vol. 10, No. 8, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol.4, No. 6, June 1955, Uncl.

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Correct and cheap method for protecting seed beds in forest and nurseries and other seeded flots from birds. p. 285.

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Vol. 11. no. 6, June 1955 GORSKO STOFAMSTVO Sofiya, Bulgaria

So: Eastern European Accession Vol. 5 No. 4 April 1956

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Vasilev, V. Adapting the horse plow for work to help natural referestation.p.375.

Vol. 11, no. 8, Oct. 1955 GORSKO STOPANSTVO Sofiya, Bulgaria

SO: Monthly List of East European Accessions, (iEAL), LC, Vol. 5, No. 2 February, 1956

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BULGARIA/Cultivated Plants - Fruits, Berries

8-M

Abs Jour: Ref Zhur - Biol., No 1, 1958, No 1737

Author : V. Vasilev, A. Angelov, G. Anadoliyev

Inst : Not Given

Title : The Cherry Tree in the Eastern Rodopi

Orig Pub: Ovoshcharstvo i gradinarstvo, 1956, No 5, 5-9

Abstract: The cherry tree is the most widespread cultivation in the

Eastern Rodopi where it thrives on any soil and location, appears on flat ground as well as on slopes of up to 30°, in valleys and elevations of up to 900 m above sea level, it blooms early and bears fruit every year. Almost without care, the trees reach huge dimensions, up to 15 m in height, and yield crops of 50 to 200 kg from one tree. Besides the European varieties (Napoleon, Donisen, Drogan yellow and others),

there are many local seed forms and kinds, as well as some improved wild forms. Some of the local kinds even form root shoots (a rather rare phenomenon for this sort). A description of 5 local varieties of the cherry is given: white (Akkirez), red (Kyrmzakirez), black (Karakirez), Bitme (Khadzhi maalebitme)

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VASILEV, V.

VASIFEV, V. Results from the research study made with S-611 Hand-Motor Sprayer in spraing plantings, forsest belts, etc. p. 371 Vol 12, no. 6. Oct. 1956 GORSKO STOPANSTVO, Sofiia, Bulgaria

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SOURCE: East European Accessions List (EEAL) Vol. 6 No. 1 April 1957